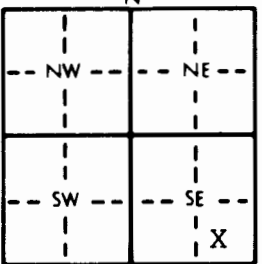


1 LOCATION OF WATER WELL: Fraction SW 1/4 SE 1/4 SE 1/4 Section Number 21 Township Number T 3 S Range Number R 13 E/W
 County: NEMAHA

Distance and direction from nearest town or city street address of well if located within city?
 7 north, 1 1/4 west of Goff

2 WATER WELL OWNER: Jim Swart
 RR#, St. Address, Box # : Rt. 3 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : Seneca, KS 66538 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

 4 DEPTH OF COMPLETED WELL: 160' ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 40' ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL . 30' ft. below land surface measured on mo/day/yr 3-14-91
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield . 6 gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter . 12" in. to ft., and in. to ft.
 WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
 2 PVC 4 ABS 7 Fiberglass Threaded
 Blank casing diameter . 5" in. to 0-32 ft., Dia . 5" in. to 42-138 ft., Dia . 5" in. to 140-160 ft.
 Casing height above land surface . 24" in., weight . 2.82 lbs./ft. Wall thickness or gauge No. . 258
 TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)
 SCREEN-PERFORATED INTERVALS: From . 32 ft. to . 42 ft., From ft. to ft.
 From . 138 ft. to . 140 ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From . 24 ft. to . 160 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other hole plug
 Grout Intervals: From . 4 ft. to . 24 ft., From ft. to ft., From ft. to ft.
 What is the nearest source of possible contamination: 10 Livestock pens 14 Abandoned water well
 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage
 Direction from well? north How many feet? 110'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	19	Clay-Brown	175	195	Clay-Blue
19	34	Clay-Blue	195	247	Clay-Blue-Silty
34	35	FS-CS-Med-Pea Gravel	247		Limestone-Grey
35	37	Clay-Blue			
37	40	FS-CS-Brown			
40	112	Clay-Blue			
112	113	FS-CS-Blue			
113	122	Clay-Blue			
122	123	FS-CS-Med-Pea Gravel			
123	135	Clay-Blue			
135	138	FS-CS-Med-Pea, Blue			
138	166	Clay-Blue			
166	168	Boulders			
168	170	Clay-Blue			
170	175	Boulders			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 3-14-91 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 182 This Water Well Record was completed on (mo/day/yr) 3-27-91 under the business name of STRADER DRILLING CO., INC. by (signature) Dale Strader

OFFICE USE ONLY T R E/W SEC. 1/4 1/4 1/4